

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov



In the matter of,)	Docket No. 04-IEP-1E,
The Preparation of the 2005 <i>Integrated</i>)	04-DIST-GEN-1
<i>Energy Policy Report (2005 Energy Report)</i>)	WORKSHOP AGENDA
)	RE: Distribution Planning

Workshop Agenda

The California Energy Commission's Integrated Energy Policy Report Committee will conduct a workshop to discuss California's distribution planning process and the role of Distributed Generation (DG) and Demand Response (DR) in the planning process. Commissioner John L. Geesman is the Presiding Member, and Commissioner James D. Boyd is the Associate Member.

FRIDAY, APRIL 29, 2005

9:00 a.m.

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1516 Ninth Street

First Floor, Hearing Room A

Sacramento, California

(Wheelchair Accessible)

Audio from this meeting will be broadcast over the Internet.

For details, please go to:

www.energy.ca.gov/webcast/

Problem Statement

Distribution systems in California are seeing more and more constraints as system build out has been delayed due to financial stress on utilities, slow or uncertain load growth, fallout from the 2001 energy crisis and other drivers. Traditional utility distribution planning processes have been adequate in the past, but new alternatives such as distributed generation and demand response, and research into the utility system benefits they provide, require a reassessment on how utilities conduct distribution planning and investment decisions.

Policy Objective

In the 2003 Integrated Energy Policy Report, it was recommended that California needs to develop a more transparent distribution planning process so that policy makers can ensure cost effective and reliable distribution services and costs for ratepayers.

Workshop Objectives:

1. Investigate DG & DR's role in distribution planning
2. Understand typical distribution planning processes and new approaches
3. Highlight Public Interest Energy Research addressing this issue

Agenda:

- Introduction and Context
- Distribution Planning
 - Traditional Practice – Wanda Reder, S&C Electric Company
 - DG as a Distribution Asset – Richard Sequin, DTE Energy
 - Public Q&A
- Utility Roundtable Discussion
 - Round table discussion about alignments and contrasts to S&C Electric and DTE Energy Presentations
 - Public Q&A
- Research on Distribution Planning Methods and Tools
 - New Power Technologies Integrated T&D modeling tool for assessing system benefits and impacts of DG and DR
 - Peter Evans – New Power Technologies present technical and economic findings on Phase 1 and 2 (learning to date)
 - Craig McDonald – Navigant Consulting present economic decision analysis tool
- Lunch Break
- Research on Distribution Planning Methods and Tool (Continued)
 - Snuller Price – Energy and Environmental Economics
 - Present findings of Renewable Distributed Generation Assessment to identify the most beneficial locations for renewable DG in local distribution systems (PIER Renewables funded R&D)

- Present findings of DG Distribution Deferral Value Assessment that is part of EPRI/SCE Distribution Deferral Pilot (PIER ESI funded R&D)
 - Public Q&A
- Soliciting Distribution Deferral DG and Structuring Customer Agreements
 - Ellen Petrill (Electric Power Research Institute) and Tom Dossey (Southern California Edison) to present findings of how solicitation and agreements were addressed through collaborative work in SCE Distribution Deferral Pilot (PIER ESI funded R&D)
 - Mark Osborn (invited) - Portland General Electric presentation of standby generation program
 - Richard Sequin - DTE Energy presentation on how they structure agreements with DG customers who provide distribution system benefits
 - Public Q&A
- Summary of Learnings and Challenges Identified – Facilitated public discussion